



Around 2 a.m. on Sunday, Jan. 19, there was an accident on Memorial Drive and Mass. Ave. allegedly involving a taxi and a SafeRide Boston All shuttle.

BRUNO B. F. FAVIERO—THE TECH

CPW events restricted to before 1 a.m. *No CPW events can take place 1 to 6 a.m.*

By Rosa Ruiz
STAFF REPORTER

Prefrosh at this year's Campus Preview Weekend (CPW) will be the first to experience a new policy restricting late night events: CPW events must now end by 1 a.m. and can begin again at 6 a.m. Spontaneous events, such as an impromptu movie showing, can still take place, but will not be listed in the booklet. For the past couple of years, the rule has been that all events with an end time past 3 a.m. must have a safety plan to get prefrosh home, but there had been no set end time.

According to the Student Activities Office (SAO) Student Organization Handbook, "All events must end no later than 1 a.m." The Institute-wide policy was implemented in the 1990s around the same time as a rash of violent events at large parties, which included two shootings and a stabbing. The Campus Police and Campus Activities Complex (CAC) initially banned all large late-night parties, and presumably eventually reached the 1 a.m. rule, according to Assistant Director of Admissions and CPW Coordinator Katie A. Kelley.

In past years, a lack of communication between the SAO and the CPW advisory committee, which consists of various representatives from groups involved in CPW, including the CAC, SAO, and FSILG (Fraternity, Sorority, and Independent Living Groups) offices, led to the CPW committee approving events at all hours.

Although the 1 a.m. policy was mentioned last year during a meeting of the committee, it was too close to the date of the weekend, so CPW went on as planned. However, when the policy was brought up again at one of this year's meetings, the committee agreed to put it into practice in order to be consistent with Institute policy. Students were not consulted before the decision was made.

"The process surrounding the decision demonstrates an unacceptable lack of collaboration with student leaders and the student body as a whole," wrote DormCon president Eli H. Ross '14 in an email to *The Tech*. "The policy choice was made and then simply relayed to relevant groups—many of which would have had valuable input into the earlier discussion process."

According to Kelley, the policy is "not due to

Mystery Hunt coin found in Courtyard

Random Hall team wins Alice in Wonderland-themed hunt in 38 hours

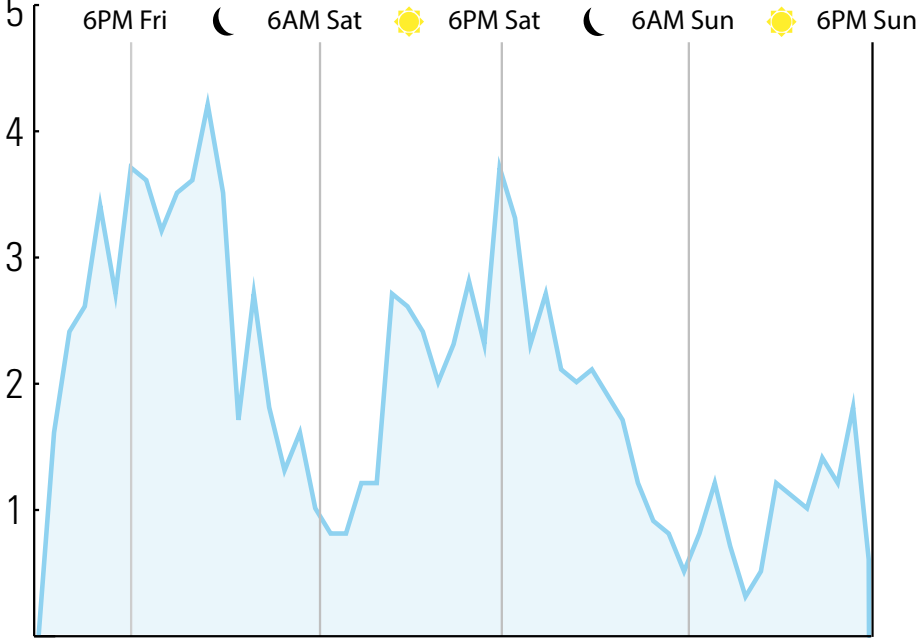
By William Navarre
STAFF REPORTER

This year's MIT Mystery Hunt — themed "Alice in Wonderland" — began Friday with a Kresge Kickoff at noon and officially ended Monday afternoon after a wrap-up ceremony in 26-100. The team "One Fish, Two Fish, Random Fish, Blue Fish" of Random Hall won at 2:30 a.m. Sunday after about 38 hours of searching.

The winning team's name "One Fish, Two Fish, Random Fish, Blue Fish" was purposefully based on a work of literature to parody last year's winning team, whose name was the full text of the book *Atlas Shrugged*, according to team leader Adam P. Rosenfield '08. Rosenfield said that Random last won in 2005 and that, while the team is happy to have won and looks forward to planning next year's hunt, the team values having fun over winning.

"The Internet has always been a huge part of our problem solving strategy," Rosenfield said. They have a custom server

Average team hourly puzzle submission rate



Source: MIT Mystery Hunt 2014

INFOGRAPHIC BY WILL CONWAY

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CPW, Page 9

IN SHORT

Online registration for Spring semester opens for all students on Monday, Jan. 27. Register at registration.mit.edu.

The 2014 IAP UROP Expo will take place in Kresge Lobby this Thursday, Jan. 23 from 2 p.m. to 4 p.m.

Registration for Quarter 3 PE classes opens Wednesday, Jan. 29 at 8 a.m. for undergraduates. Graduate students can begin registering Tuesday, Feb. 4 at 8 a.m.

The 36th Annual Science Fiction Marathon hosted by LSC is Jan. 25 and 26. For more details, visit <http://lsc.mit.edu/schedule/2014.1q/desc-marathon.shtml>.

Send news information and tips to news@tech.mit.edu.

NEWS BRIEFS

Grimson expects capital campaign to stay quiet for several more months

MIT's fundraising campaign, expected to bring in between \$2 and \$6 billion dollars over the next several years, will probably not enter its public phase for "several months," according to an email from Eric L. Grimson PhD '80, who recently stepped down as chancellor to lead the

campaign.

The launch will follow Harvard's announcement last year that it would aim for a total of \$6.5 billion in its campaign, topping Stanford's record \$6.2 billion, raised in a five-year effort that ended in 2011. MIT will not attempt to join its bigger and better endowed peers in that horse race, according to David A. Woodruff, the chief operating officer of resource development.

But he did say that MIT's

campaign will be more ambitious than its previous one during Charles M. Vest's presidency, which raised \$2 billion and ended in 2004.

MIT has an endowment of about \$11 billion and an annual budget of about \$3 billion.

Even during the quiet phase, officials are busy traveling, seeking to secure gifts and pledges from alumni and other donors in order to build momentum before the launch. The spe-

cific goals of the campaign will be announced in its public phase.

Pass rates on edX are at 6 percent, but that's okay, researchers say

Online education researchers called course certification rates "misleading and counter-productive" in a report released Tuesday that summarized data gathered in 17 open online courses from

News briefs, Page 9

LIMITED IAP Q.E.D. SERIES: TEHEMON

Massachu's only moves: "Growl" and "Procrastinate."

FUN, p. 6

SAVE OUR SALON

Net neutrality decision is a setback to democratic discourse. **OPINION, p. 4**

WHY GO TO CHARM SCHOOL...

...when you can make everything seem easier by taking Orgo 2? **FUN, p. 6**



BEING 100 YEARS OLD MAKES YOU CRANKY

Uppercut: "Get off my damn lawn!" Happy 100 years, Tim Beaver.

FUN, p. 5

CONTEMPORARY STREET ARTIST

D*Face's new monograph sheds light on the life of an urban artist. **ARTS, p. 7**

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Former Virginia governor and his wife are indicted

Former Gov. Bob McDonnell of Virginia and his wife, Maureen, were indicted Tuesday by a federal grand jury on charges of accepting some \$140,000 in loans and gifts in exchange for promoting the business of a political patron.

The 14-count indictment filed by the U.S. attorney for the Eastern District of Virginia included charges of bribery and fraud relating to the McDonnells' relationship with Jonnie Williams Sr., the chief executive of Star Scientific, a maker of dietary supplements, who hoped to use the governor to promote his products.

The indictment accuses the McDonnells of lying on loan applications by failing to disclose money advanced to them by Williams. Once a rising Republican star, mentioned as a possible running mate for Mitt Romney in 2012 and an aspirant for his party's 2016 presidential nomination, McDonnell has taken a spectacular fall since details of his connection with Williams surfaced last spring.

McDonnell, who last summer announced that he was returning the gifts and loans, has long maintained that he never did anything for Williams or his company that he would not have done for any other Virginia business.

He apologized in his last address to the General Assembly on Jan. 8 for the scandal. The controversy also cast a shadow over the campaign of the Republican candidate who sought to succeed him, Kenneth T. Cuccinelli II, who lost in November to Terry McAuliffe.

—Trip Gabriel, *The New York Times*

\$28,000 a night: hotels race to cater to the superrich

In most hotels, luxury is measured by the thread count of the linens (minimum 400, please) or the brand of the bathroom toiletries. But for those at the highest end of the market, where the only restraint on consumption is how conspicuous they want to be, a race to the top has broken out, with hotels outdoing one another to serve this tiny, if highly visible, niche.

Take the Jewel Suite by Martin Katz at the New York Palace, one of two recently opened specialty suites. The three-story, 5,000-square-foot space — a sort of penthouse Versailles — resembles a jewel box, albeit one with its own private elevator and views of the Empire State and Chrysler Buildings.

It's hard to imagine Louis XIV being left wanting. The floor in the entryway, on the 53rd floor, is glittering, black marble, arranged in a sunburst pattern while a 20-foot crystal chandelier hangs from the ceiling. And then there are the jewels themselves: More than a million dollars of the jewelry designer's work is displayed in five museum-like cases in the entryway. Such grandeur — or excess, depending on your point of view — is all there for the taking, starting at \$25,000 a night.

—Martha C. White, *The New York Times*

States cutting weeks of aid to the jobless

By Annie Lowrey
THE NEW YORK TIMES

RIEGELWOOD, N.C. — Last July, North Carolina sharply cut its unemployment program, reducing the maximum number of weeks of benefits to 20 from 73 and reducing the maximum weekly benefit as well.

The rest of the country is now following North Carolina's lead. A federal program supplying extra weeks of benefits to the long-term unemployed expired at the end of 2013, and congressional Democrats failed in an effort to revive it. About 1.3 million jobless workers received their

last payment Dec. 28. Starting Jan. 1, the maximum period of unemployment payments dropped to 26 weeks in most states, down from as long as 73 weeks.

With that move, the country's safety net for jobless workers has undergone a sudden transformation, from one aimed at providing modest but sustained protection to workers weathering a tough labor market to one intended to give relatively short-term aid before spurring workers to accept a job, any job.

It is still early, but the results in North Carolina suggest there are both gains and losses from cut-

ting back on support for the jobless. The state's unemployment rate has plummeted to 7.4 percent from 8.8 percent, the sharpest drop in the country.

Nationally, economists expect the economy to respond much as North Carolina's has. But statistics don't tell the full story. North Carolina still has nearly 350,000 listed as officially unemployed, and many more, including those living in depressed rural areas, have given up even looking for a job. For them, the safety net is gone, and countless families, largely out of sight, have slipped deeper into poverty.

Same-sex newlyweds sue Utah after series of rulings

By Jack Healy
THE NEW YORK TIMES

DENVER — The legal saga in Utah over same-sex marriage grew even more complicated Tuesday, as four couples who had married during the brief window that Utah permitted such weddings sued the state over its recent decision not to recognize their marriages or provide any new state benefits to same-sex newlyweds.

The American Civil Liberties Union of Utah, which filed the lawsuit on their behalf, said that Utah's decision had thrown hundreds of new marriages into uncertainty, depriving gay couples of the abil-

ity to obtain health care coverage as spouses, to adopt children together legally or to make medical decisions if a spouse or family member were to fall ill.

More than 1,300 same-sex couples rushed to exchange vows after a federal judge in Salt Lake City overturned the state's ban on same-sex marriage last month. The judge ruled that Utah's laws limiting marriages to one man and one woman deprived gay couples of their fundamental right to marry.

For about 2 1/2 weeks, same-sex marriage was the law across Utah, a socially conservative state, with county clerks performing same-sex weddings and state officials pro-

viding name changes, new driver's licenses and other marital benefits to same-sex couples. That ended Jan. 6, when the U.S. Supreme Court agreed with Utah's request to block the judge's ruling temporarily, halting any further same-sex marriages while Utah officials appeal the case to a higher court.

Shortly after the Supreme Court issued the stay, Utah officials said the ban on same-sex marriages was now back in effect and that those marriages that had already taken place were, effectively, "on hold." The officials said they would not revoke any benefits they had already granted, but said they would also stop providing new benefits.

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Thai leaders declare emergency rule in response to protests

By Thomas Fuller
THE NEW YORK TIMES

BANGKOK — The embattled government of Prime Minister Yingluck Shinawatra declared the imposition of emergency rule in Bangkok and surrounding areas on Tuesday, suggesting a more aggressive posture toward anti-government protesters who have occupied parts of the city during the past two months and are seeking to overthrow the government.

But officials said they had no plans to crack down on protesters, who have escalated their campaign over the past week by blocking government offices, taking over major intersections and staging daily marches across Bangkok.

The emergency decree enacted Tuesday gives the government the power to invoke curfews, censor the news media, disperse gatherings and use military force to “secure order.”

Surapong Tovichakchaikul, Thailand’s foreign minister, said the move was necessary because protesters had broken the law by block-

ing government offices and banks in recent days and threatening and harassing government officials. The imposition of the decree will “allow the democratic process and Thailand to move forward,” he said.

Protesters have been attacked by unknown assailants in recent days. Three grenade attacks left one person dead and dozens injured. The government and the protesters have blamed each other for those attacks.

The emergency decree, which is valid for 60 days, was passed under the same law that another government used in 2010 to launch a military crackdown that left dozens of people dead. Underlining the see-saw power struggle that has gripped Thailand for the better part of the past eight years, the man responsible for the crackdown four years ago, Suthep Thaugsuban, a former deputy prime minister, is now leading the anti-government protests.

“I know about this well,” Suthep said to his supporters, discussing the decree. He stepped down from power after his party lost a general election in 2011.

“We will keep fighting until we win,” Suthep said, describing his protest movement as nonviolent and distinct from the “terrorists” who protested against him in 2010.

Suthep, who faces murder charges related to the 2010 crackdown, late Tuesday renewed a threat to shut down Thailand’s air traffic control office, but he also said he would rest on Wednesday for medical reasons.

In recent weeks the government has been lauded by foreign governments, including the United States and European countries, for its restraint in handling the protests. The police have not tried to arrest Suthep despite a court-issued warrant for rebellion against the state.

In addition to the emergency decree, the government on Tuesday put a combative government minister and former police officer, Chalerm Yubamrung, in charge of security. Suthep is trying to disrupt elections scheduled for Feb. 2 that Yingluck and her allies seem certain to win. The opposition Democrat Party, which is allied with Suthep, is boycotting the election.

Woman is chosen to lead Central African Republic out of mayhem

BANGUI, Central African Republic — Cheers broke out in the National Assembly building here Monday as representatives chose the mayor of this beleaguered capital to serve as the interim president of the Central African Republic, a country in the grip of a sectarian civil war.

Catherine Samba-Panza, 58, will be the first woman to lead the nation, and she will probably serve for a little over a year, with the goal of leading it to national elections. Her appointment came from an unusual assortment of unelected rebel sympathizers, politicians, artists and others who have filled in as a substitute parliament for a nation so fractured that it has suffered a total breakdown of the state in recent months.

Now, hopes are high here that she can halt this impoverished nation’s precipitous “free fall,” as the U.N. secretary-general, Ban Ki-moon, put it in a statement Monday.

There was singing and dancing in the streets of the dilapidated capital on Monday afternoon, and inside the cavernous chamber of the assembly, female spectators broke into joyful shouts, cheers and trilling. The consensus, in the chamber and on the street, was that men had inexorably led the country into a spiral of vicious violence, and that the only hope was for a woman to lead it out.

Samba-Panza defeated seven other candidates, including the sons of two former presidents and a man whose claim to hold degrees that no other Central Africans possess drew hoots of derision in the assembly chamber Monday.

—Adam Nossiter, *The New York Times*

In files, a history of sexual abuse by priests in Chicago archdiocese

CHICAGO — Thousands of documents gleaned from the personnel files of the Archdiocese of Chicago were released to the public Tuesday, unspooling a lurid history of abuse by priests and halting responses from bishops in the country’s third-largest archdiocese.

In each case, the priests ultimately died or were ousted from ministry, and in most cases, the allegations were never proved in a criminal court. But the documents suggest that church officials were at times quite solicitous toward priests accused of abuse.

On Tuesday, shortly after the documents were posted online, the Archdiocese of Chicago published on its website a statement again apologizing for abuse by priests and declaring, “The Archdiocese acknowledges that its leaders made some decisions decades ago that are now difficult to justify.”

A few hours later, abuse victims and their lawyers gathered in the 23rd-floor ballroom of a downtown hotel, lined up in front of posters and a video screen displaying photographs of priests accused of abusing minors. At the side of a lectern sat three cardboard boxes filled with copies of the files.

Jeff Anderson, a lawyer who has represented numerous victims of clergy sexual abuse around the nation, said the documents depicted a “systematic, ongoing, decades-long, continuous pattern of conscious choices by top officials of the archdiocese,” and argued that church officials were complicit in the abuse when they failed to remove abusers from ministry. Most of the abuse described in the documents was alleged to have taken place years ago; about half of the accused priests are dead, and many of the victims have already been given financial settlements from the archdiocese.

But the victims have pressed for public release of the files, arguing that the comprehensive set of documents will provide an important form of reckoning, chronicling what church officials did, and did not do, when they learned of accusations that priests had molested minors.

“For some of us it will be answers, for some of us it will be peace of mind, for some of us it’s wanting to know, but for all of us it’s a start,” said Angel Santiago, 47, who won a \$700,000 settlement from the archdiocese in 2011 after accusing the Rev. Joseph L. Fitzharris of abusing him in the early 1980s.

—Steven Yaccino and Michael Paulson, *The New York Times*

Human Rights Watch criticizes inaction on Syria

By Melissa Eddy and Chris Cottrell
THE NEW YORK TIMES

BERLIN — The advocacy group Human Rights Watch sharply criticized international powers Tuesday for the way they are dealing with the civil war in Syria, saying that the desire to bring President Bashar Assad’s government to the negotiating table should not become a pretext for failing to protect civilians caught in the conflict, which has claimed more than 100,000 lives.

The group included the criticism in an annual accounting of human rights records around the world Tuesday, the day before an international peace conference on the Syrian conflict was set to begin in Montreux, Switzerland.

Separately, a team of legal and forensic experts commissioned by the government of Qatar said Monday that thousands of photographs

showing scarred, emaciated corpses offered “direct evidence” of mass torture by Syrian government forces.

Kenneth Roth, the executive director of Human Rights Watch, which has its headquarters in New York, said the images were consistent with what his organization had seen when it visited detention centers in Syria. The photographs, provided to the Syrian opposition by a man who described himself as a defector from Assad’s security forces, highlight the importance of opening up Syrian detention facilities to international inspection, he said.

Speaking at a news conference in Berlin, Roth said that Western governments, and especially the United States, had not spoken out strongly enough about the violence for fear that it could endanger the peace talks.

“It is essential that the mass atrocities being committed in Syria be a parallel focus of any diplomatic

effort,” Roth said.

Human Rights Watch said the rest of the world had done too little to intervene in Syria to protect civilians, in contrast with the efforts mounted by France, the United States and the United Nations in African countries like the Central African Republic and South Sudan.

President Barack Obama’s record on national security issues was criticized in the report, from the continued existence of the detention center in Guantánamo Bay, Cuba, to what the group called the unlawful killing of civilians through drone attacks in Pakistan, Yemen and Somalia.

Egypt, Myanmar and Thailand, as well as Ukraine were singled out as examples where governments pledged to make democratic changes that never came to fruition. Human Rights Watch praised the resulting widespread protests as an indication that the public is not willing to be denied basic freedoms.

WEATHER

Snow, wind, brutal cold

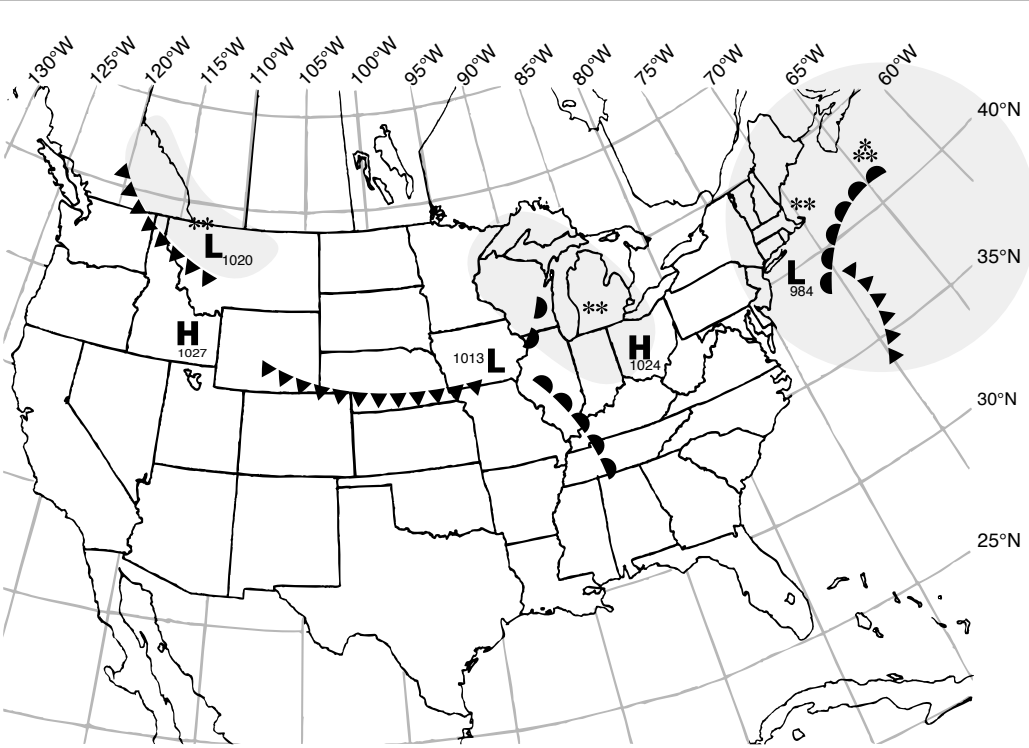
By Allison A. Wing
STAFF METEOROLOGIST

With the arrival of another winter storm, another common meteorological term has entered the popular lexicon: bombogenesis. Bombogenesis refers to the rapid intensification of a mid-latitude cyclone (specifically, a surface pressure decrease of 24 hPa or more in 24 hour period). The system that brought snowfall to the Northeast beginning yesterday afternoon developed rapidly off the Virginia coast, prompting the use of the term bombogenesis in several media reports. A total of 8 to 14 inches of snow

was expected across Eastern Massachusetts and Rhode Island, making for our first major snowfall since the 15.1 inches we received in the January 2-3 storm. While the snow may stop around midday today, it will still be brutally cold, thanks to temperatures in the teens and blustery north winds - combining to create wind chill values near or below 0°F. Quite a contrast from the mild temperatures of last week! Tomorrow and Friday the skies will clear, but it will remain chilly with daytime highs in the teens and lows in the single digits. The weekend should bring a return to temperatures in the 30°Fs.

Extended Forecast

Today: Snow. High 17°F (-8°C). North winds at 15–20 mph, gusting to 35 mph.
Tonight: Mostly cloudy. Low 2°F (-17°C). Northwest winds at 10–15 mph.
Tomorrow: Partly cloudy. High 17°F (-8°C). Low 3°C (-16°C). West winds at 10–15 mph.
Friday: Sunny. High 17°F (-8°C). Low 12°F (-11°C). West winds at 8–13 mph.



Situation for Noon Eastern Time, Wednesday, January 22, 2014

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow: Snow	Fog
L Low Pressure	Warm Front	Light: Light	Thunderstorm
Hurricane	Cold Front	Moderate: Moderate	Haze
	Stationary Front	Heavy: Heavy	Compiled by MIT Meteorology Staff and The Tech

HEY, TIM!
TIM THE BEAVER!

WE MISSED
YOU AT YOUR
BIRTHDAY PARTY,
YOU LEFT PRETTY
EARLY!

KID, I JUST
TURNED 100
##X@%ING YE
OLD. MASCOT
NEED BREAKS



Teacher, your mat has become infested with bugs!

Not to worry. It will be taken care of

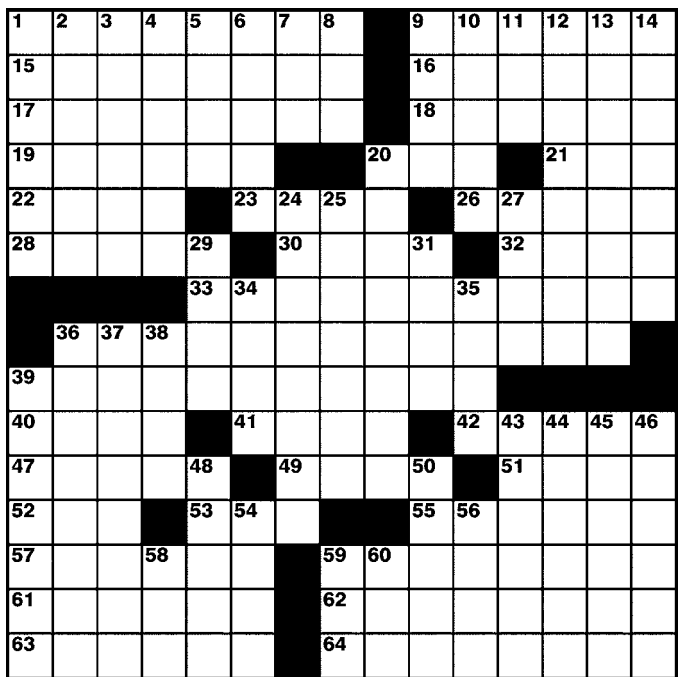
Carrying on in the tradition of the 屁合戦 (He-gassen)

Solution, page 10

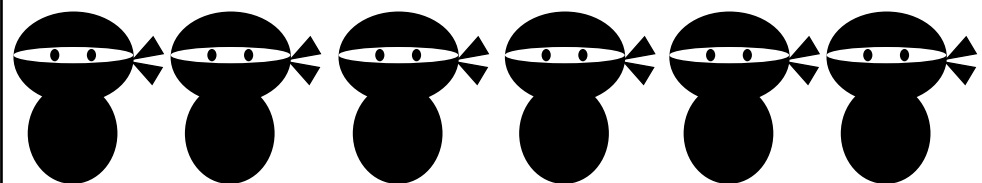
ACROSS

- 1 IPO in the dot-com vanguard
- 9 CIA director under Ford
- 15 First lady of the 1950s
- 16 Light from above
- 17 "Your library is your ____": Erasmus
- 18 Celebrity name on the first million-follower Twitter account
- 19 Laps up
- 20 Seek retribution, maybe
- 21 E-mail letters
- 22 Souvenirs that may not keep
- 23 Lucrezia Borgia in-law
- 26 Unbroken
- 28 Wasn't a go-getter
- 30 Recommendations from MotorHome magazine
- 32 Discipline
- 33 Spotted housecat
- 36 Anti-establishment symbol
- 39 Target of 59 Down
- 40 It's a 9 on the Mohs scale

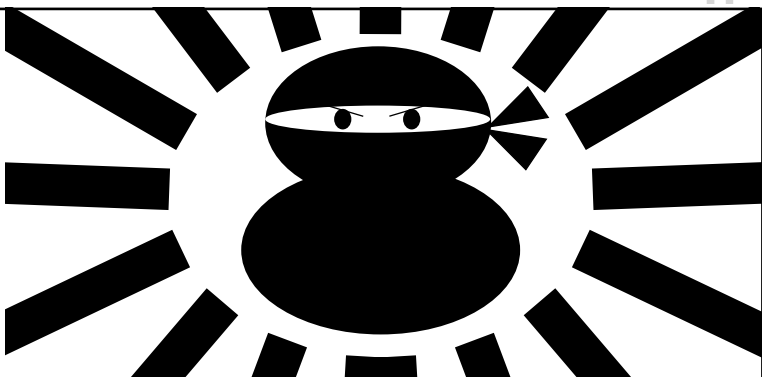
41 Middle management protocol, for short	5 Turn over
42 Part of some ballet costumes	6 Surface
47 "That we may brag we hae __ . . .": Burns	7 Weigh stations: Abbr.
49 Rachel's rival on Glee	8 Suffix like -ite
51 Loser	9 Regular guy
52 Literary bigamist	10 Rip out, maybe
53 Emerson called him "the jingle man"	11 Peremptory signal
55 "Ah-oooo-ga!" producer	12 Felters' gear
57 Piranha predator	13 Enemy of inflation
59 Phrase on some NO PARKING signs	14 Poetic form used by Chaucer
61 Bait	20 Astride
62 Drawn together	24 Pitch at a high level?
63 Aimed for new measurements	25 Palatial home of Ottoman sultans
64 Fantasia bathers	27 Rival of Chris and Martina
	29 Slick
	31 Spanish ayes
	34 Manxman, e.g.
	35 Prophetic shepherd
	36 Time Person of the Year, 2001
	37 No provincial
	38 Pep rally chorus
	39 Swaggered
	43 Georgia state wildflower
	44 Longhorns, to Aggies



45 Pressing job	in "Recessional"
46 Ambitious chamber music	58 Kofi Annan alma mater
48 __ bar	59 Net-neutrality watchdog:
50 City in Polymer Valley	Abbr.
54 Superficial, for short	60 __ flottante (classic French
56 Kipling uses it eight times	dessert)

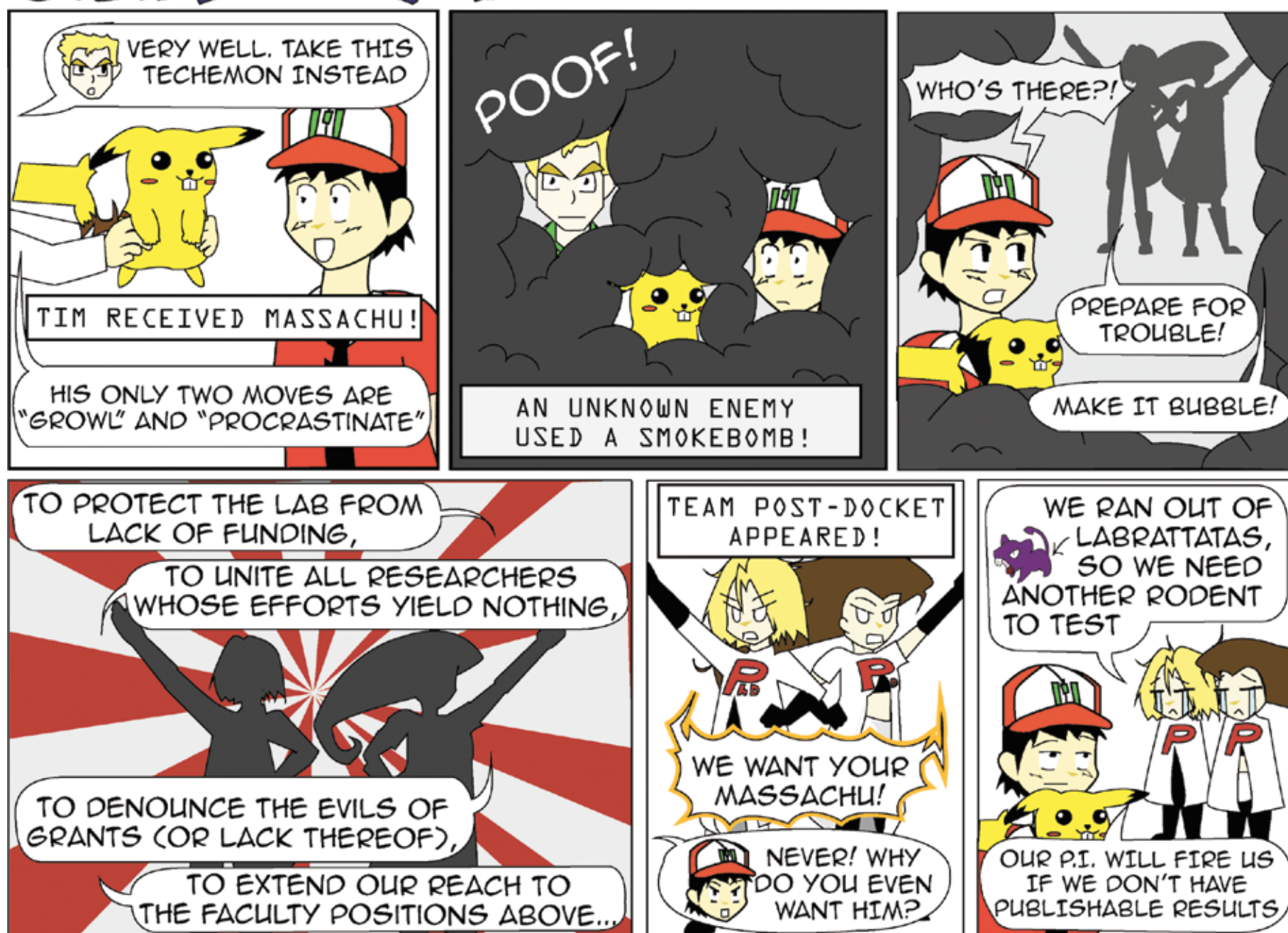


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[illegible]

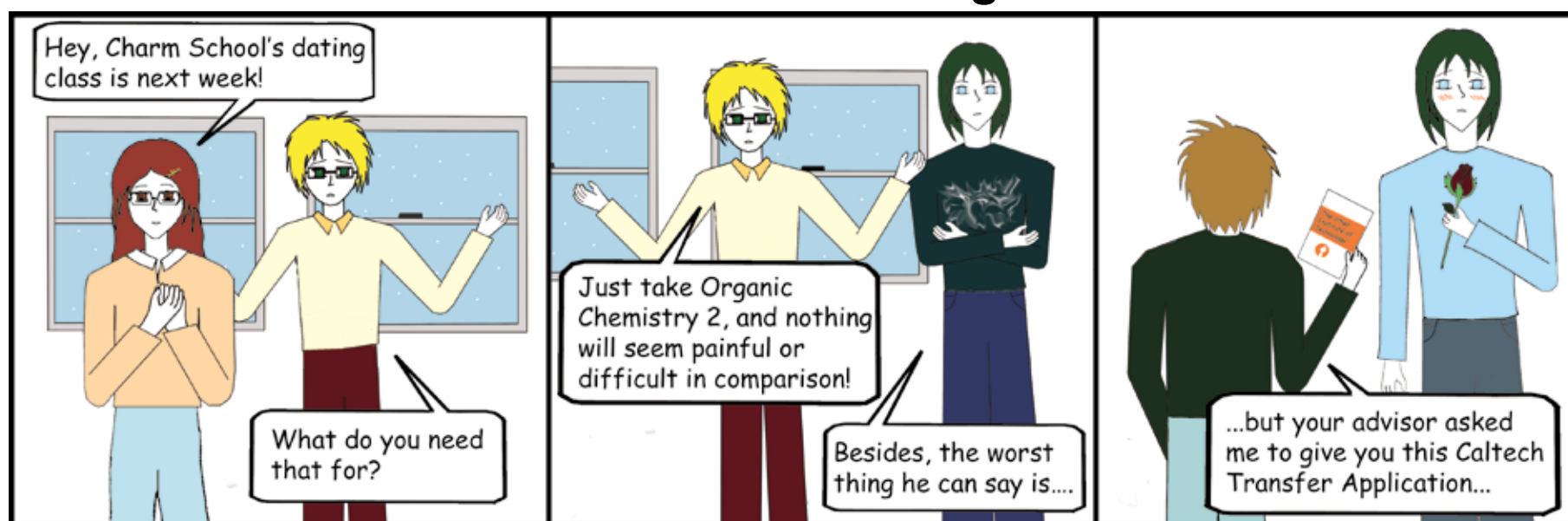
LIMITED IAP SERIES!

BY ERIKA TRENT

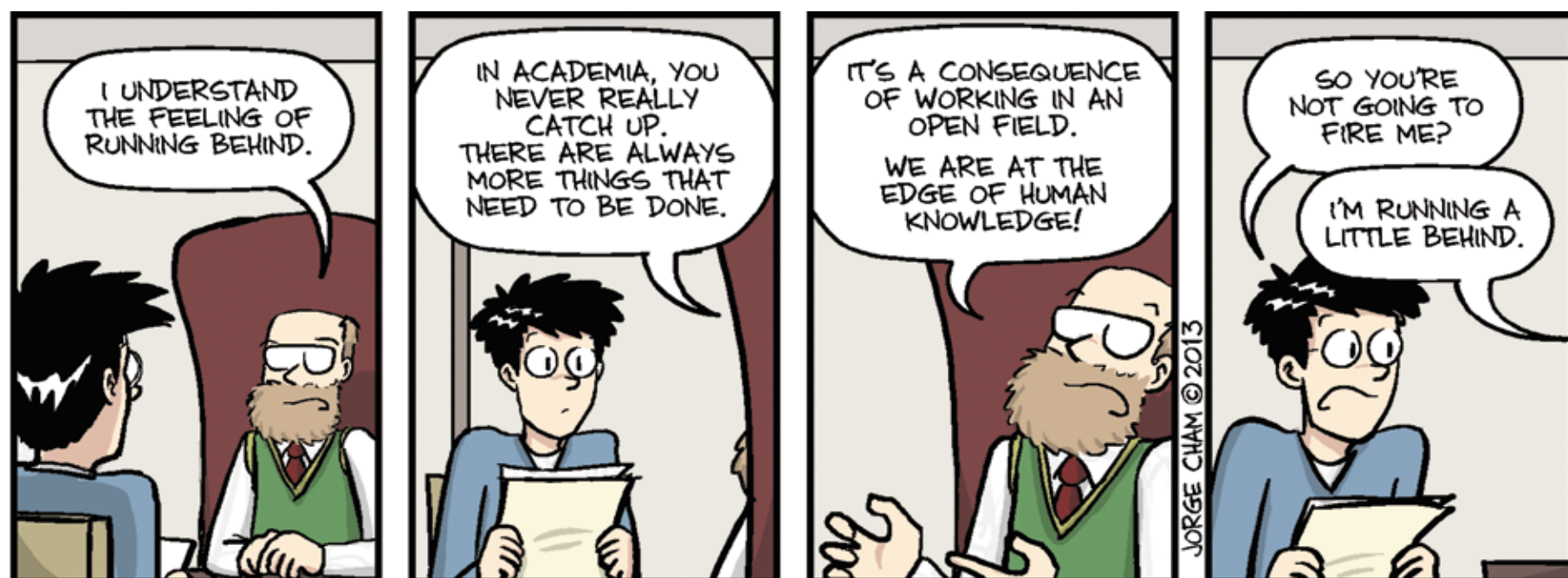


TO BE CONTINUED

Somewhere on the Search for Meaning... by Letitia Li



PhD by Jorge Cham



WWW.PHDCOMICS.COM

ICA screening presents the best of an animation festival

The Ottawa International Animation Festival is the largest of its kind in North America, bringing the talent, incredible dedication and patience of many crazy creative minds since the mid 70s.

The ICA screening, presenting the best of the festival was nothing short of a great time. Inspirational, soul satisfying, humorous, touching: the emotional range was wide, and so were the techniques; from computer generated to dripping ink, the selection had the audience on a delightful trip, jumping from one brilliant brain to another.

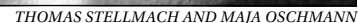
One of the great things about animation is the freedom it grants the creator to say, do, imagine and ultimately represent in any way whatsoever that he or she wants: from long narratives with funky turns to just simply fun; the selection included the winners for experimental, narrative, best short, best Canadian and the Walt Disney award for best graduation animation.

Among the favorites were *Oh Willy...* by Emma de Swaef and Marc James. Over 15 minutes long and created with nothing but textiles, wooly Willy returns to visit his dying mother to the nudist colony she lives in, whereupon going for a stroll in the forest, his fate changes completely upon finding motherly love in the strangest of creatures. Among its many accolades it took the prize for Best Narrative Short Animation.

The Best Experimental/Abstract Animation award went to Thomas Stellmach and Maya Oschmann's *Virtuoso Virtual*. *The Alchemist* by German composer Louis Spohr is animated through the use of dripping, jetting, splashing and splattering ink, making a beautiful abstract choreography.

Ohayo Carotene by Saky Iyori perked us all up with its simplicity of drawings, repetitive actions, and colorful, playful dancing characters. "Wake up, it is morning! This is the beginning of a new day!" is the description, and I cannot do it better justice!

Surreal, dark, ominous *Lonely Bones* by Dutch artist Rosto,



A frame from the film *Virtuoso Virtual*, one of the films shown at the Institute of Contemporary Art's screening of a selection from the Ottawa International Animation Film Festival.

is a 2D, 3D and live action ménage, taking us to a dream-like experience, where time and space converge, trapping a one-eyed man in a lonely and hellish never-ending trip. It won the *Nelvana Grand Prize* for Best Short Animation.

This was one of the best uses of an hour of your time, guaranteed! Unfortunately, the exhibition is over, but the ICA offers a number of other short film screenings that may be worth checking out. *Psychedelic Cinema*, featuring footage that was projected during historic performances by Jimi Hendrix, Santana, The Who, and others, will be screened on Feb. 9 at 7-8 p.m., and there will be multiple screenings of Oscar-nominated short films on Feb. 13, 16, and 17.

Jan. 9 and 18–19, 2014



CHALLENGE...

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<i>Monday</i>	<i>Tuesday</i>
January 27th	January 28th
1.30 – 5.00	8.30 – 5.00

<http://diversity.mit.edu/summit>



News briefs, from Page 1

MIT and Harvard.

It costs nothing to register, so completion rates cannot be compared to those in traditional classes, they contend. And certification is not always the goal for these students — or the instructors, many of whom encouraged students to participate only to the extent that they found the experience useful.

Besides, even with an average certification rate of 6 percent, the sheer number of people participating meant that the impact of these courses was still massive, they said.

Indeed, only one certificate was awarded per 126 registrants in Harvard’s CS50x class (Introduction to Computer Science), but that still meant 1439 received certificates.

Most who dropped out did so early: typically, half of the registrants in a class stopped visiting the course website after the first week, and a third of those who remained would leave after the second week. On average, a tenth of the registrants in a course stuck around long enough to view half of the chapters.

The report only covers the first 17 Harvard and MIT courses on edX. The online education platform was started by those two universities in 2012, the year edX and other websites, including Coursera, drew significant media attention to massive open online courses and spurred discussion about the future of education.

The work leading to Tuesday’s report was led by Isaac Chuang, a professor of electrical engineering and computer science at MIT, and Andrew Ho, an associate professor at Harvard’s Graduate School of Education.

The courses included in the report included an introduction to electricity and magnetism, a course on the economics of poverty around the world, and another about heroes in ancient Greek literature.

In addition to certification rates, the researchers also examined the demographics of edX students. Men who had bachelor’s degrees and were 26 or older comprised 31 percent of the

enrollees, outnumbering all the women together. The best-represented countries among students on edX are the U.S., India, the U.K., Brazil, and Canada.

Many involved in MOOCs say that they not only provide an enormous public good but also represent an opportunity for research in education, given the unprecedented amounts of data that can be collected.

—Leon Lin

MITx & HarvardX
Top 5 Countries by Certification Rate

Rank	Country	Number registered	Certified / Registered
1	 Spain	16,926	13.7%
2	 Greece	10,385	12.1%
3	 Czech Rep.	1,994	11.9%
4	 Hungary	2,462	11.1%
5	 Poland	8,396	10.9%

The United States ranks **55th**, with over **200,000 registered**. However, cross-country differences, like background and interest level, bias the results.

SOURCE: HARVARDX AND MITX: THE FIRST YEAR OF OPEN ONLINE COURSES, WORKING PAPER #1

INFOGRAPHIC BY ANTHONY YU

CPW events not permitted 1-6 a.m.
Follows 1 a.m. Institute policy

CPW, from Page 1

safety concerns surrounding late night events.” Furthermore, there will be exceptions. Currently, HackMIT and Mystery Hunt extend past 1 a.m., but CPW will not be granted a reprieve. Another committee is reviewing the policy to determine exactly which kinds of events will receive exceptions, but a decision will not be reached until June. However, the 1 a.m. rule will remain formal Institute policy.

Student reactions to the rule have not all been positive — some question the necessity of the rule.

Student reactions to the rule have not all been positive — some question the necessity of the rule.

“I don’t think that rule will be abided by, because CPW is a free-for-all ... I just don’t see it happening,” said Wesley T. Cox ’17.

Carolyn E. Schaefer ’17 added, “Exposing prefrosh to activities after 1 a.m. is more representative of what college will be like.”

Although the policy is not related to safety issues, Ross point-

ed out some risks that it might create. “I think that there are more safety concerns involved with *not* having late-night events; it’s easy to imagine many pre-frosh wandering around in the middle of the night with no events to attend,” he said.

Some of CPW’s signature events, namely Firehose, are known for the late hours at which they take place. With the new policy, these events would have to take place around midnight instead. The Educational Studies Program (ESP) is considering conducting Firehose lectures over multiple nights for this CPW.

Some students voiced concerns that the policy would take away what made CPW different from other colleges’ preview weekends.

“CPW is a time to show off MIT and ‘MIT-ness.’ This is a place known for middle-of-the-night antics, all-nighters for problem sets, and awesome discussions at 3 a.m. To give pre-frosh the idea that campus shuts down at 1 a.m. would be, quite bluntly, a lie,” said Ross.

Despite this, Kelley thinks that the new ending time would not necessarily destroy the spirit of CPW. Referring to the post-CPW survey sent out to the pre-frosh, Kelley said, “What I heard was important [to the prefrosh] was the random conversations they had” with MIT students, conversations that can still take place.

TROUBLE in the MIDDLE EAST...



CRISIS in JAPAN...



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Europe’s bonds back in vogue, analysts warn of risk

Investors have renewed appetite for euro bonds, even as European economies languish

By **Danny Hakim**
THE NEW YORK TIMES

LONDON — When Ireland recently made its first offering of new debt since leaving its bailout program, Irish Prime Minister Enda Kenny was already focused on where the money would come from next.

He was in Doha, Qatar, where he and the country’s prime minister, Abdullah bin Nasser bin Khalifa Al Thani, smiled broadly as they posed together. The trip, earlier this month, also included a visit to Dubai, United Arab Emirates, where Kenny and the head of state there, Sheik Mohammed bin Rashid Al Maktoum, sat side by side on velvet and gold thronelike chairs.

Kenny next went to Riyadh, where he said he was “very much interested in finding out if the Saudi Arabian Monetary Agency could resume purchasing Irish bonds as before.”

Once again, foreign investors are piling into the government bonds of Ireland, Spain and Portugal — countries that got into such debt trouble that they required bailouts. Now these countries are able to sell their bonds at lower interest rates than they have seen in years, renewing hope that Europe has turned a corner.

And yet, there are still few signs of relief from the deeper-rooted economic woes that have trapped much of the eurozone in a slump for more than five years — and that continue to be a drag on the global economy. Despite the suddenly easier terms under which Ireland and other recovering eurozone countries can borrow, the fact

remains: These countries are still mired in stagnation.

If investors, in their renewed appetite for euro bonds, are betting on Europe’s recovery, it is hardly a no-risk gamble.

“Things are going better, but they are by no means good,” said Jacob Kirkegaard, who tracks Europe at the Peterson Institute for International Economics.

If investors are betting on Europe’s recovery, it is hardly a no-risk gamble.

The ratio of Ireland’s debt to its economic output has nearly doubled — to an estimated 124 percent last year, up from 64.4 percent in 2009. And although it technically emerged from its international rescue program in December, Ireland will still be paying off the 67.5 billion euros, or about \$91 billion, in bailout money for years to come.

Claus Vistesen, the head of research at Variant Perception, a London-based economic research group, sees the ratio of debt to economic output as a continuing threat to a eurozone recovery.

“People think growth is coming back,” Vistesen said, “but at the end of the day, debt is still going up.”

A spokesman for the Irish Finance Ministry said the country’s debt levels were expected to begin edging down this year. The ratings agency Moody’s agreed, citing Ireland’s improving finances and falling interest rates when it upgraded Irish debt from junk to investment grade last week.

For the eurozone at large, though, a step back often follows each step forward. France and Italy, the bloc’s second- and third-largest economies, are increasingly seen as the latest sick men of the Continent. Even Germany, the bloc’s powerhouse, grew only feebly last year, by 0.4 percent.

While unemployment, at a lofty 12.1 percent, appears to have stopped increasing, it is not showing signs of marked improvement, with countries like Spain and Greece still mired in Great Depression-era joblessness. Compared with Europe, the United States, despite a lingering unemployment rate of 6.7 percent, seems to be on a roll, growing at an annual rate of 4.1 percent in the third quarter.

Economic demand in Europe remains so tepid that inflation rates have fallen to a level that is impeding recovery and threatening to lapse into outright deflation — a chilling prospect that makes debts more expensive, puts pressure on wages and further discourages consumer spending.

“Europe is hardly roaring back to life,” said Nicholas Spiro, the managing director of Spiro Sovereign Strategy in London.

“Talk about a recovery — the European Central Bank is still mulling measures to ward off the threat of deflation,” he added. “That speaks volumes of the weakness of the eurozone economy, and yet investors are piling into eurozone debt.”

Feargal Purcell, the press secretary for the Irish prime minister, said that since Kenny took office in 2011 he had focused on “rebuilding our reputation,” which has included trips to the United States, China, Japan and, most recently, the swing

through the Middle East.

“We’ve exited the bailout, we chose to do so without a precautionary credit line, and I think the recent bond sale is an endorsement of that action,” he added. “Sixteen hundred jobs a week were being lost before we took office; we’re now in a position where 1,200 jobs a week are being created, and our consumer confidence numbers have been steadily growing.”

At the same time, he acknowledged, “we still have work to do on the unemployment front and conversations in Europe with respect to debt sustainability.”

Portugal plans its own exit from its bailout program by the middle of the year. And in Spain, where banks required a 41 billion euro international bailout in 2012, Prime Minister Mariano Rajoy told U.S. business leaders this month that “recovery is taking hold, and the country’s appeal as an investment target is being rekindled.”

More restrained have been non-politicians like Mario Draghi, the head of the European Central Bank. Asked at a recent news conference whether it would be premature to declare victory, he said, “I would be very cautious about saying that, very cautious indeed.”

“Unemployment stands at over 12 percent,” Draghi continued. “The only positive news is that this unacceptably high unemployment rate is stabilizing,” he said.

“The recovery is there, but it is weak; it is modest,” he added. “As I have said many times, it is also fragile, meaning that there are several risks — from financial and economic risks, through geopolitical risks, to political risks.”

Some attribute the fact that the bond offerings have been warmly received to institutional investors rotating out of emerging markets like India and Brazil. Money managers worry about the potential global ripple effects as the Federal Reserve begins to taper its economic stimulus program.

Such investors now view some of the European countries that were bailed out as a safer bet. In Ireland, more than 80 percent of the investment came from abroad, with banks and pension funds making up 37 percent of the offering and fund managers about half.

Kirkegaard cited “the hunt for yield.” In this era of low interest rates — the benchmark 10-year U.S. Treasury bond now trades at around 2.85 percent — the higher premiums that countries like Ireland must pay to borrow are a lure to global investors.

“I think it was much more traditional asset managers, pension funds, insurance companies, etc., sitting there, and they probably own a lot of safe-haven assets,” Kirkegaard said. “They are getting less than 2 percent for that, and they are probably thinking these countries are not a real credit risk anymore, so why not take 4 percent instead?”

This week, demand has been such that yields on 10-year Irish bonds fell closer to 3 percent.

Max Golts, a London-based senior investment strategist for Fidelity Investments, said “you could reasonably speculate that Europe is looking safer than emerging markets.”

“It’s also a matter of fashion and flavor of the month,” he added, “and Europe just doesn’t look scary at this moment.”

Random wins Hunt

Bases name off of Dr. Seuss book

Mystery Hunt, from Page 1

for Mystery Hunt Collaboration, he explained, noting that about 20 percent of his two-hundred-person team participates remotely from as far away as California. The winning team found the coin (actually a large clock, ostensibly the rabbit’s pocket watch) in the President’s Courtyard. (The President’s Courtyard is situated immediately West of the Great Dome and is enclosed by the outside walls of the Infinite Corridor, Building 10, and Building 13.)

Like Random’s team, most teams prefer to use the Internet for collaboration as well as research. Steve D. Pomeroy PhD ’89, a member of “Control Group,” likened the role that the Internet plays in their problem-solving strategy to the role that oxygen plays in aerobic respiration.

Many of the smaller teams did not hope to win the hunt and participated only for fun. Karthik Arumugham of “Grand Unified Theory of Love” believes that his small team would not be well-equipped to run a hunt and said

that winning would be the “worst case scenario.” He said that the team has a rule against picking up coins to prevent such a scenario. Teammate Jess Gleason noted that “there are coins on this floor that we have not picked up.”

Alice Shrugged, last year’s winning team and the organizer of this year’s hunt (with a name-change to incorporate this year’s Alice in Wonderland theme), said that they tried hard to “make the hunt fun for small teams” and that, while the overall theme was Alice in Wonderland, they tried to “incorporate MIT” as an underlying theme.

This year’s hunt included a “backwards” portion of the hunt in which they were told to produce (rather than receive) a red herring. One team produced a dish of cooked herring, and another produced a red hair-ring.

Alice Shrugged also invented an MIT and Mystery Hunt-themed version of Cards Against Humanity for one of the events. The game featured white cards such as “Donald Sadoway,” “DeVry University,” and “There are two people having sex in 26-100,” the last of which “referred to an incident which happened at a previous hunt,” according to Rosenfield.

Several of the top teams received copies of the game during the wrap-up. The game will not be on sold to the public, but it is unclear if the game will be made available to the public as an online document.

The team logged three injuries planning the hunt, all of which took place preparing a puzzle called “Safety First” that was to be included in the first-aid kits distributed at the beginning of the hunt.

Solution to Crossword
from page 5

N	E	T	S	C	A	P	E	B	U	S	H	S	R
E	V	A	P	E	R	O	N	E	N	H	A	L	O
P	A	R	A	D	I	S	E	A	S	H	T	O	N
A	D	O	R	E	S		S	U	E		F	W	D
L	E	I	S		E	S	T	E		W	H	O	L
I	D	L	E	D		K	O	A	S		A	R	E
					E	G	Y	P	T	I	A	N	M
					G	U	Y	F	A	W	K	E	S
P	I	R	A	T	E	R	A	D	I	O			
R	U	B	Y		L	I	P	O		S	A	T	I
A	L	A	S	S		T	I	N	A		Z	E	R
N	I	N		P	O	E		K	L	A	X	O	N
C	A	I	M	A	N		F	I	R	E	L	A	N
E	N	T	I	C	E		C	L	O	S	E	S	E
D	I	E	T	E	D		C	E	N	T	A	U	R



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UPCOMING HOME EVENTS

Saturday, January 25

Men's Track and Field vs. Art Farnham Invitational	12 p.m., Steinbrenner Stadium
Women's Track and Field vs. Art Farnham Invitational	12 p.m., Steinbrenner Stadium
Men's Swimming and Diving vs. Amherst College	1 p.m., Zesiger Center Pool
Women's Swimming and Diving vs. Amherst College	1 p.m., Zesiger Center Pool
Women's Basketball vs. U.S. Coast Guard Academy	1 p.m., Rockwell Cage
Men's Basketball vs. Emerson College	3 p.m., Rockwell Cage

Monday, January 27

Men's Volleyball vs. Bard College	7 p.m., Rockwell Cage
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Broncos and Seahawks

Super Bowl 2014: a must-watch matchup

By Austin Osborne
SPORTS EDITOR

It seems like a matchup that's been coming for months now. The Denver Broncos and the Seattle Seahawks have been the best teams in the NFL for the vast majority of the season, and they will meet on Feb. 2 in the Super Bowl. Denver beat the New England Patriots handily in the AFC Championship game, with Peyton Manning throwing for 400 yards and absolutely torching the Pats' secondary while utilizing all of his weapons in his receiving corps. Their defense was also stout, holding the potent New England offense to only 16 points, after they've scored over 40 their past two games.

The Seahawks lead the NFL in interceptions, and they employ two of the best defensive players in the league.

Seattle's victory did not come so easily. They were within 22 seconds of giving up the game, as the San Francisco 49ers were driving down the field on their way to a potential game-winning touchdown. All-Pro cornerback Richard Sherman tipped

a pass from San Francisco quarterback Colin Kaepernick and Seattle linebacker Malcolm Smith grabbed the interception, sealing the game for the Seahawks. For Kaepernick and the 49ers, it is another season where they fell just short of the championship, but for the Seahawks, it will be an opportunity to win their first Super Bowl in franchise history.

Denver is going to focus a lot of their energy and defensive game plan on stopping Russell Wilson this week. They can't allow Wilson to beat them running the ball, and he needs to be accounted for at all times. Seattle is also an incredibly run-heavy team, so the Broncos will surely see a huge dose of Marshawn Lynch and Robert Turbin. Even if they are behind, Seattle will continue to pound the football, as they did in the NFC Championship. On the other side of the ball, Peyton Manning will have to be very careful passing into the Seattle secondary. The Seahawks lead the NFL in interceptions, and they employ two of the best defensive players in the league, Richard Sherman and Earl Thomas. Denver has so many weapons, however, (Wes Welker, Demaryius Thomas, Eric Decker, and Julius Thomas) that Manning should be able to spread the ball around efficiently and keep Seattle's defense guessing. In a matchup of the top-ranked defensive team in Seattle, and the top-ranked offense in Denver, this will be a must-watch.

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